



Western Family, 1-Gal.
Apple Juice or

**APPLE
CIDER**
\$1 79



10 Caramel Apple Sticks
FREE with every 2 Lbs. of
Caramels Purchased!

Delicious

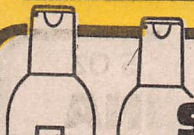
**KRAFT
CARAMELS**
\$1 19
lb.



Spa
Sp

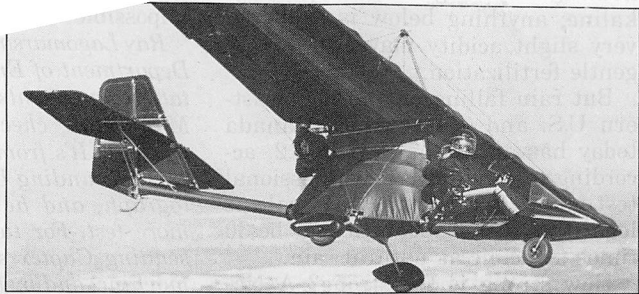
**ASSO
WALL**

9



Faberge, 15 Oz.

SHAMPOO or



Sleek ultralight

The 27-hp ready-to-fly Quick-silver GT has three fuselage options: a total enclosure, wraparound pod, and standard bullet nose and wind-screen. Another option: wire- or strut-braced wings. An information kit is \$4 from Eipper Aircraft (26531 Ynez Rd., Temecula, Calif. 92390).

neutral. Anything above seven is alkaline; anything below is acidic. A very slight acidity may even act as gentle fertilization.

But rain falling on the northeastern U.S. and southeastern Canada today has an average pH of 4.2, according to recent EPA congressional testimony. Because the pH scale is logarithmic, that means it may be 30 times as acidic as natural rain.

How strong is too strong? A National Research Council committee placed the figure at 4.6 or 4.5. Anything stronger, and lake plant and animal life are likely to be affected. Lakes in the U.S. and Canada in what's called the "acid corridor" often are as much as twice as acid as the Council considers critical. And in 1978 rain fell on Mt. St. Helens, W. Va., that measured less than 2.0. That's stronger than lemon juice. It's 5,000 times more acid than natural rain.

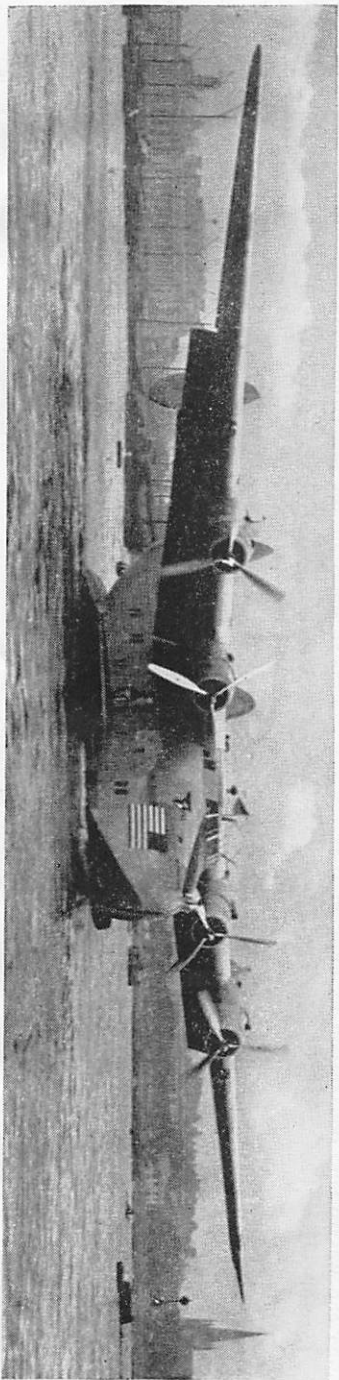
The effects of the rain (or snow) on pollutants also

are impossible.

Ray Lagomarsino, a physicist with the Department of Environmental Measurements Laboratory in Manhattan, checks the rain with a collector. It's from a rain gauge.

He's standing behind a spectrophotograph, and he's taking a more test. For two days he's been sending Captex samples to the machine, and by the time he will have checked

THE PAN-AMERICAN CLIPPER "California" landed at Singapore May 10, 1941 to inaugurate a regular fortnightly schedule between the U.S.A. and British Malaya



756,000,000 lb. of bacon, ham and pork cuts to the United Kingdom and was to ship 600,000,000 lb. more in 1942.

(See also HOGS; MEAT.) (S. O. R.)

Bacteriology. Amongst new species described, the sulphur bacteria are represented by *Thiospirillum pistiense*, a thermophilic, autotrophic sulphur oxidizing organism found in hot springs. Bacteria of this type grow at abnormally high temperatures and do not use organic substances for food. *Bacillus thiocyanoxidans*, which could oxidize thiocyanates to sulphates, was isolated from gas-works liquors.

Several new plant pathogens have been described. Amongst these the following caused leaf-spot diseases: *Bacterium flavo-*

The bactericidal agent can be obtained in an active form free of protein. This is known as gramicidin.

Cultivable filterable micro-organisms have been isolated which have many of the properties of bacteria and in addition some properties of viruses. These organisms have been isolated from samples of London sewage by fractional ultrafiltration and selected colony sub-culture. The particles, when separated and inoculated into a suitable medium, can initiate the development of a typical culture.

Infantile paralysis (poliomyelitis) virus has been found to be more readily isolated from the stools of human patients than from the nasopharynx. A carrier state appears to exist in the common mild abortive cases. In convalescence these patients may excrete the virus in the stools for three weeks after their brief illness, which practically puts them in the class of "healthy carriers."